

Claims

1. **(Original)** Apparatus for high volume, low cost photo finishing comprising:
 - an inkjet printer having a printing width greater than twice the width of a first print size, and at least equal to the width of a second larger print size;
 - a supply of continuous feed media;
 - an image processor connected to the inkjet printer for digitizing images to be printed and arranging the digitized images for printing in at least a 2x2 matrix of prints of at least two different sizes;
 - a cutter for cutting the continuous feed media into sheets, each sheet carrying the matrix of prints; and
 - a two-axis cutter controlled by the image processor and cutting the sheets into individual prints of at least two different sizes.
2. **(Withdrawn)** The apparatus of claim 1 comprising a laminator disposed between the inkjet printer and the two-axis cutter for laminating the sheets with a protective film of material.
3. **(Original)** The apparatus of claim 1 in which each matrix of prints comprises prints for a single customer.
4. **(Withdrawn)** The apparatus of claim 2 comprising a buffer between the printer and the laminator.
5. **(Withdrawn)** The apparatus of claim 1 in which the inkjet printer comprises a marking engine and a dryer.
6. **(Original)** The apparatus of claim 1 in which the supply of continuous feed media comprises a roll of media.

7. **(Original)** The apparatus of claim 6 in which the roll of media comprises a roll of paper.
8. **(Withdrawn)** The apparatus of claim 2 in which the laminator comprises an embosser coupled to the image processor for selectively embossing the prints to simulate a matte finish.
9. **(Currently Amended)** The apparatus of claim 1 comprising a waste ~~receptical~~ receptacle coupled with the two axis cutter for receiving strips cut from the sheet.
10. **(Original)** The apparatus of claim 1 in which the two axis cutter comprises an input cutter arranged on a first edge of the two axis cutter and an output cutter arranged on a second edge of the two axis cutter orthogonal to the first edge.
11. **(Original)** The apparatus of claim 1 in which the cutter cuts the media into sheets having lengths that vary over a range of at least 2:1.
12. **(Withdrawn)** The apparatus of claim 3 comprising a sorter coupled to the image processor and the two axis cutter and sorting the individual prints by customer.
13. **(Withdrawn)** The apparatus of claim 1 comprising a stacker coupled to the image processor and the sorter stacking the prints by customer.
14. **(Withdrawn)** The apparatus of claim 1 comprising a backside printer coupled to the image processor and disposed between the two axis cutter and the sorter.

15. **(New)** Photo finishing apparatus comprising:

- a printer having a printing width greater than twice the width of a first print size, and at least equal to the width of a second larger print size;

- a supply of continuous feed media;

- an image processor connected to the printer for digitizing images to be printed and arranging the digitized images for printing in at least a 2x2 matrix of prints of at least two different sizes on the media; and

- a two-axis cutter downstream of the printer and controlled by the image processor for cutting the printed media into individual prints of at least two different sizes.

16. **(New)** Apparatus as in Claim 15 including a cutter located between the printer and the two axis cutter for cutting the continuous feed media into sheets, each sheet carrying at least a 2x2 matrix of prints and the two-axis cutter cutting the sheets into individual prints.